(SEQ ID NO: 44) and reverse primer was 5' GAC TGC GTC TTG GTC ATT TC 3' (SEQ ID NO: 45). The probe was 5' CAA CAC CGA ATG CAC GAA GAC ATC 3' (SEQ ID NO: 46) labeled with a 5' 6-fam and 3' tamra.

Please delete the paragraph on page 113, lines 1-7, and replace it with the following paragraph:

For GLT1a the optimal reaction conditions were 0.6Units Platinum Taq DNA polymerase, 20mM Tris-HCl (pH 8.4), 50 mM KCl, 200μM dGTP, 200μM dATP, 200μM dCTP, 400μM dUTP, 0.4Units UDG, 6.0mM MgCl2, 200nM Forward primer, 200nM Reverse primer, 100nM probe. Amplicon length was 76 bps. The forward primer was 5' ATG AGT GCA AGG TAA CTC TGG 3' (SEQ ID NO: 47) and the reverse primer was 5' TCA CGT TTC CAA GGT TCT TC 3' (SEQ ID NO: 48). The probe was 5' CCA ATG GAA AGT CAG CTG ACT GCA 3' (SEQ ID NO: 49) labeled with 5' 6-fam and 3' BHQ1 (Black hole quencher 1).

REMARKS

Applicants believe that the present application is now in condition for allowance. Favorable reconsideration of the application as amended is respectfully requested.

The Examiner is invited to contact the undersigned by telephone if it is felt that a telephone interview would advance the prosecution of the present application.

Respectfully submitted,

Date June 7, 2004

By _____

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Should additional fees be necessary in connection with the filing of this paper, or if a petition for extension of time is required for timely acceptance of same, the Commissioner is hereby authorized to charge Deposit Account No. 06-1448 for any such fees; and applicants hereby petition for any needed extension of time.